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ABSTRACT

A monoclonal antibody to a consensus peptide of the formula:

VEKNITVTASVDPTIDLLQADGSALPSAVALTYSPA (SEQ ID NO. 1) is described. The monoclonal antibody of the invention binds exclusively to the sequence SAVALTYS (SEQ ID NO. 2) and has use as a diagnostic and for prophylaxis against illness arising from E. coli which produce the CS4-CFA/I family of proteins and for treatment of disease arising therefrom.